SEARCHLIGHT SECTION

OFFICIAL PROPOSALS

Copy: Official Proposals reaching our New York Office by 10 A. M., Tuesday can usually be printed in the issue out Thursday.

Rate:
40 Cents a Line an Insertion

Plans and Specifications for inspection by distant bidders may be filed at any of the Engineering News-Record offices without charge.

THESE ADVERTISEMENTS ARE OFFICIAL NOTICES THAT BIDS ARE WANTED FROM BIDDERS EVERYWHERE.

OFFICIAL PROPOSALS

Bids: May 1.

Paving Construction

Miami, Fla.

Sealed proposals will be received by "The Commission of the City of Miami, Florida," at the City Hall in Miami, Florida, until 9:30 a.m., at the regular meeting of the Commission, Tuesday, May 1, 1923, for the construction of bituminous macadam paving.

The work will consist of approximately 158,268 sq.yd. of bituminous macadam paving and will be divided into two contracts. The bidder can bid on any or all of these contracts.

The improvements are to be constructed and payment therefor is to be made under Section 56 of the City Charter.

All bids must be upon blank forms provided in the proposal, specifications and contract.

Each bid must be accompanied by a certified check for 2½ per cent of the amount of the bid to insure the execution of the contract as provided by Section 56 of the City Charter.

The City reserves the right to reject any or all bids.

Plans and specifications will be on file at the City Hall in the office of the City Manager.

Copies of proposals, specifications and contract can be obtained from the office of Chas. W. Murray, Director of Public Service, on deposit of $10, which will be refunded to those who submit bona fide bids.

F. H. WHARTON, City Manager.

Bids: May 1.

Pavilion, Open Air Pool and Bathing Group

Sea Girt, N. J.

Proposals will be received by the Borough Council of the Borough of Sea Girt, County of Monmouth and State of New Jersey on or before 7.00 p.m., standard time, Tuesday, May 1st, 1923, at the Municipal Building in the Borough of Sea Girt, on the "General Construction," "Plumbing," "Mechanical Installation," and "Electrical Work" of Pavilion, Open Air Pool and Bathing Group to be erected on the southwest corner of Ocean Avenue and Chicago Boulevard in the Borough of Sea Girt, N. J.

Separate proposals must be tendered on "General Construction," "Plumbing," "Mechanical Installation," and "Electrical Work." Plans and specifications are on file in the offices of Ernest A. Arend and K. M. Towner, associate architects, 105 West 40th Street, New York City, and Kinmouth Building, Asbury Park, N. J. Copies may be obtained from architects upon deposit of ten dollars ($10.00) which will be refunded upon return of same in good condition.

A certified check or Surety Co. bid bond for the sum of two per cent (2%) of bid will be required with all proposals. Checks to be drawn to the order of Leonard T. Newman, Treasurer, and to be forfeited if contractor refuses to sign contract when awarded.

All proposals must be in sealed envelopes, with designation of work covered by same and name of bidder on outside of envelope and to be mailed to Frank Durand, Jr., Borough Clerk, Sea Girt, New Jersey, or presented personally before the stated time.

The Borough Council reserves the right to reject any or all proposals and also reserves the right to hold any bid or bids together with the certified check or checks accompanying the same for fifteen days, before accepting or rejecting the same.

FRANK DURAND, JR.,
Borough Clerk.
Sea Girt, N. J.

OFFICIAL PROPOSALS

Bids: April 30.

Curbing, Grading and Paving

Norfolk, Va.

Sealed proposals will be received at the office of the Director of Public Works until 12 o'clock noon of the 30th day of April, 1923, for paving certain streets, or parts thereof, aggregating 1,630 lin.ft. granite curb reset, 7,665 ft. new granite curb furnished and set, 48 sets granite corners furnished and set, 18,400 lin.ft. combined concrete curb and gutter, 76 sets combined concrete corners and gutter, 2,217 lin.ft. concrete headers, 83,999 sq.yds. grade and concrete base, 83,999 sq.yds. asphalt surface including binder and top, and 1,220 sq.yds. concrete paving, together with all incidental work pertaining thereto.

A complete schedule of the work, specifications and proposal blanks can be had at the office of the Director of Public Works. Bids must be made on the proposal blank, sealed and addressed to Walter H. Taylor, 3rd, Director of Public Works, marked "Paving Proposals, Project No. 1, April 30, 1923."

A certified check on some local bank in the sum of Two Thousand Dollars ($2,000), payable to B. Gray Tunstall, City Treasurer, must accompany each bid upon the conditions expressed in the proposal.

The City of Norfolk especially reserves the right to award contracts by item as set out below, by combination of items, or for the items as a whole, or to reject any or all bids for any item, combination of items or for all of the items.

Item 1. Includes the resetting of granite curb, and the furnishing and setting of new granite curb and corners.

Item 2. Includes the combined concrete curb and gutter and the combined concrete corners and gutters.

Item 3. Includes the grading and concrete base.

Item 4. Includes the binder and asphalt top.

CHAS. E. ASHBURNER,
City Manager.
WALTER H. TAYLOR, 3RD,
Director of Public Works.

Bids: May 1.

Paving Construction

Miami, Fla.

Sealed proposals will be received by "The Commission of the City of Miami, Florida," at the City Hall in Miami, Florida, until 9:30 a.m., at the regular meeting of the Commission, Tuesday, May 1, 1923, for the construction of Sheet Asphalt Paving.

The work will consist of approximately 75,887 sq.yd. of Sheet asphalt paving and will be divided into one contract. The bidder can bid on any or all of these contracts.

The improvements are to be constructed and payment, therefore, is to be made under Section 56 of the City Charter.

All bids must be upon blank forms provided in the proposal, specifications and contract.

Each bid must be accompanied by a certified check for 2½ per cent of the amount of the bid to insure the execution of the contract as provided by Section 56 of the City Charter.

The City reserves the right to reject any or all bids.

Plans and specifications will be on file at the City Hall in the office of the City Manager.

Copies of proposals, specifications and contract can be obtained from the office of Chas. W. Murray, Director of Public Service, on deposit of $10, which will be refunded to those who submit bona fide bids.

F. H. WHARTON, City Manager.

OFFICIAL PROPOSALS

Bids: Mayl.

Trunk Sewer and Sewage Disposal Works

Jersey City, N. J.

Sealed proposals for furnishing materials and doing all work required for the construction of Section 1 of the trunk sewer from Dover to Boonton and the Sewage Disposal Works will be received by the Board of Commissioners, in the Assembly Chamber of the City Hall, Jersey City, N. J., Tuesday, May 1st, 1923, at 3 o'clock p.m. (daylight saving time), at which place they will be publicly opened.

Section 1 of the Trunk Sewer extends from Boonton to Powerville and includes approximately 3.2 miles of 24 to 39-inch sewer with manholes, appurtenances and other work incidental thereto.

Up to and including sewer of 27 inches in diameter, the material is to be salt-glazed vitrified terra cotta pipe. Alternate bids will be received on both segment block and monolithic reinforced concrete pipe with brick invert for the larger sizes.

The plant includes Settling Tanks, Sludge Digestion Tanks, Sludge Drying Beds, Contact Beds, Sand Filters, Disinfection Plant and auxiliary units.

Each bid must be accompanied by certified check for $100,000 payable to the City of Jersey City, as a guarantee that the Contractor will execute the contract u awarded, failing which said check shall be forfeited, and which said check shall be returned to the bidder on the execution of the contract. Check of unsuccessful bidders will be returned on the award of the contract. Proposals must also be accompanied by the consent in writing of a surety company authorized to do business according to the laws of the State of New Jersey, that, should the proposal be accepted, it will become surety in the full amount of the contract as provided in the specifications and in Chapter 75, P. L. 1918, forms of which is made part of the specifications.

Copies of the plans, proposal forms, specifications and forms of bond and contract can be seen at the office of Michael I. Fagen, Director, Department of Streets and Public Improvements, City Hall, Jersey City, N. J., or at the office of Clyde Potts, Consulting Engineer, 30 Church Street, New York City, or may be obtained by prospective bidders upon depositing twenty-five dollars ($25.00), which sum will be refunded to Contractors who submit bids, on return of the plans within ten days after the contract has been awarded, if the same are in good condition when returned.

The deposit will not be refunded to parties who take out plans and do not submit proposals.

The Board of Commissioners reserves the right to reject any and all proposals.

By order of The Board of Commissioners of Jersey City.

EDWARD J. HOLLAND,
City Clerk.

Dated City Clerk's Office,
Jersey City, April 6th, 1923.

Bids: April 26.

Water Tube Boilers

New Orleans, La.

Sealed proposals will be received by the Sewerage and Water Board of New Orleans up to 12 o'clock noon, Thursday, April 26th, 1923, for furnishing 1,500-1,800 hp. Water Tube Boilers.

Specifications and blank forms of proposals may be obtained at Room 303, No. 526 Carondelet Street, New Orleans.

The right is reserved to reject any or all bids.

GEO. G. EARL,
General Superintendent.
A. G. MOFFAT,
Secretary.

OFFICIAL PROPOSALS

Bids: May 1.

Trunk Sewer

SECTION 3

Jersey City, N. J.

Sealed proposals for furnishing materials and doing all work required for the construction of Section 3 of the Trunk Sewer from Dover to Boonton will be received by the Board of Commissioners in the Assembly Chamber, of the City Hall, Jersey City, N. J., Tuesday, May 1st, 1923, at 3 o'clock p.m. (daylight saving time), at which place and time they will be publicly opened.

The work includes approximately 2.7 miles of 10-inch to 33-inch sewer with manholes, appurtenances and other work incidental thereto. Section 3 is within and adjacent to the Town of Dover.

Up to and including sewer of 22 inches in diameter, the material is to be salt-glazed vitrified terra cotta pipe. Alternate bids will be received on both segment block and monolithic reinforced concrete pipe with brick invert for the 33-inch sewer.

Each bid must be accompanied by certified check for $10,000, payable to the City of Jersey City, as a guarantee that the Contractor will execute the contract if awarded, failing which said check shall be forfeited, and which said check shall be returned to the bidder on the execution of the contract. Checks of unsuccessful bidders will be returned on the award of the contract. Proposals must also be accompanied by the consent in writing of a surety company authorized to do business according to the laws of the State of New Jersey, that, should the proposal be accepted, it will become surety in the full amount of the contract as provided in the specifications and in Chapter 75, P. L. 1918, form of which consent is made part of the specifications.

Copies of plans, proposal forms, specifications and forms of bond and contract can be seen at the office of Michael I. Fagen, Director, Department of Streets and Public Improvements, City Hall, Jersey City, N. J., or at the office of Clyde Potts, Consulting Engineer, 30 Church Street, New York City, or may be obtained by prospective bidders upon depositing ten dollars ($10.00), which sum will be refunded to Contractors who submit bids, on return of the plans within ten days after the contract has been awarded, if the same are in good condition when returned.

The deposit will not be refunded to parties who take out plans and do not submit proposals.

The Board of Commissioners reserves the right to reject any and all proposals.

By order of The Board of Commissioners of Jersey City.

EDWARD J. HOLLAND,
City Clerk.

Dated City Clerk's Office,
Jersey City, April 6th, 1923.

Bids: April 20.

Highway Work

Albany, N. Y.

Office of State Commission of Highways—Sealed proposals will be received by the undersigned at their office, No. 55 Lancaster Street, Albany, N. Y., at one o'clock p.m., on Friday, April 20, 1923, for the improvement of highways in the following counties:

Columbia.....(one highway: 2.52 miles)
Greene.....(one highway: 0.75 miles)
Orleans.....(one highway: 0.84 miles)
Schoharie.....(one highway: 0.78 miles)
Suffolk.....(one highway: 0.46 miles)

Also for the reconstruction of the following:

Broome.....(one contract: 1.86 miles)
Erie.....(one contract: 2.11 miles)
Fulton..(two contracts: 2.03 & 1.50 miles)
Greene.....(one contract: 3.88 miles
Herkimer.....(one contract: 1.80 miles)
Oneida.....(one contract: 1.44 miles)
Ontario.....(one contract: 2.21 miles)
Onondaga.....(one contract: 2.00 miles)
Rockland.....(one contract: 1.26 miles)
Ulster.....(one contract: 3.14 miles)

Maps, plans, specifications and estimates may be seen and proposal forms obtained at the office of the Commission in Albany, N. Y., and also at the office of the division engineers in whose division the roads are to be improved or reconstructed. The addresses of the division engineers and the counties in which they are in charge will be furnished upon request.

The especial attention of bidders is called to "General Information for Bidders" in the itemized proposal, specifications and contract agreement.

FRED'K STUART GREENE,
Commissioner.

W. A. PATTON,
Secretary.

Bids: May 12.

Cast Iron, Steel and Vitrified Clay Pipe Lines

Memphis, Tenn.

Sealed proposals, addressed to the Board of Commissioners of the Memphis Artesian Water Department, and endorsed with the bidders' name and title of the bid, will be received at the office of the Memphis Artesian Water Dept., Memphis, Tenn., until 12 o'clock noon of the 12th day of May, 1923, and then publicly opened and read for:

Contract 14. The furnishing of all labor and materials, except the furnishing of cast iron pipe and fittings, necessary to construct at Memphis, Tennessee, approximately 18,000 lineal feet of 14", 20", 30", 36" and 42" cast iron pipe line, 27,000 lineal feet of 4", 6", 8" and 10" steel pipe line, and 9,500 lineal feet of 12" vitrified clay pipe line, all complete with valves and appurtenances.

Contract 15. The furnishing and delivering f.o.b. cars Memphis, Tenn., of approximately 3,100 tons of Class A, cast iron, bell and spigot water pipe and special castings, in sizes ranging from 14 inches to 42 inches diameter.

Bids may me made upon one or both contracts, but a bid upon either contract must include all the work under that contract.

Copies of bidding blanks, bonds, contracts, specifications and drawings may be obtained from the office of the engineers, Fuller & McClintock, 879 North Parkway, Memphis, Tenn., or may be inspected at any of the following offices:

Memphis Artesian Water Department, Memphis, Tenn.

Fuller & McClintock, 206 Walsix Bldg., Kansas City, Mo.

Fuller & McClintock, 170 Broadway, New York City.

Fuller & McClintock, 1001 Chestnut St., Philadelphia, Pa.

Fuller & McClintock, 319 Summit Cherry Bldg., Toledo, Ohio.

A charge of $20.00 will be made for each set of specifications, which charge will be refunded provided the specifications are returned within 30 days after bids are received.

The Water Commission reserves the right to reject any or all bids, to waive any informalities in the bids received, and to accept any bid or bids which they deem most favorable to the interests of the City of Memphis.

By order of the Board of Commissioners of the Memphis Artesian Water Department.

Bids: May 1.

Water Works System

Macedon, N. Y.

Sealed proposals will be received by the Board of Water Commissioners of the Village of Macedon, N. Y., until one o'clock p.m., on May 1st, 1923, for the construction of a system of Water Works, consisting of a cast iron piping system, pump well, pump house, pumping equipment, distributing reservoir, valves, hydrants and accessories.

Plans may be received and specifications obtained at the office of the Board at Macedon, N. Y., or at the office of Hopkins & Field, Engineers, 349 Cutler Building, Rochester, N. Y.

The Board hereby reserves and has the right to reject any or all bids, or to accept any that in its judgment will be for the best interest of the Village.

A surety bond satisfactory to the Board in form and amount, will be required of him to whom a contract may be awarded.

A certified check, payable to the order of the Board of Water Commissioners, of Macedon, N. Y., to the amount of $1,000.00 must be deposited by any contractor bidding on the piping system, pump well or reservoir, and accompany his bid as a guaranty, that in case the contract is awarded to him, he will within seven days thereafter, execute such contract.

Bids will be received separately for the pumping equipment, pipe and special castings, and for the valves, valve boxes, and hydrants, in lump or separately for the piping system, pump house, pump well and reservoir.

Bids must be sealed and addressed to the Board of Water Commissioners, Macedon, N. Y., and marked on the outside of the envelopes enclosing them, "Proposals for Macedon Water System," The Village of Macedon, N. Y.

DR. E. M. RODENBERGER,
Chairman.
EDWARD W. GRIDLEY,
JOHN CROWLEY,
Commissioners.

Dated Macedon, N. Y.
April 1, 1923.

Bids: April 24.

Water Works System

Locust Valley, N. Y.

Sealed proposals will be received by the Board of Water Commissioners, Locust Valley, New York, until eight o'clock P.M. April 24th, 1923, then publicly opened and read in the Matinecock Neighborhood House, for the construction of a system of Water Works for the Locust Valley District, in accordance with plans and specifications prepared by Sidney B. Bowne, Engineer.

WORK INCLUDED IN CONTRACT

UNDER CONTRACT NO. 1

There will be furnished and laid about 18 miles of 6 in., 8 in., 10 in. and 12 in. cast iron mains, with about 150 hydrants and 110 valves.

UNDER CONTRACT NO. 2

There will be furnished and installed two (2) complete units consisting of driven well, motor driven well turbines, etc.

UNDER CONTRACT NO. 3

There will be constructed two brick pumping stations, one about 12 ft. x 12 ft. and the other about 12 ft. x 24 ft. in plan.

UNDER CONTRACT NO. 4

There will be built a Stand Pipe 42 ft. in diameter and 75 ft. high of 770,000 gal. capacity, with ornamental balcony and roof and surrounding an existing elevated tank.

Plans and specifications are on file and may be seen at the office of Sidney B. Bowne, Engineer, Post Office Building, Mineola, New York, and will be forwarded on receipt of five ($5.00) dollars. (Same not to be refunded.)

All inquiries must be addressed to the Engineer.

Each bidder must accompany his proposal with a certified check or its equivalent for five (5%) per cent of the amount of his proposal made payable to E. Mortimer Ward, Treasurer, which will be returned to the unsuccessful bidders immediately following the award of the contract.

The successful bidder will be required to enter into a contract for the performance of the work as may be awarded him or them with a bond of an approved Surety Company for not less than one-half (50%) of the total amount of the awarded contract price.

The right is reserved to reject any or all bids, or accept any bid, or bids, or any portion of any bid.

BOARD OF WATER COMMISSIONERS.
BENJ. W. DOWNING,
Chairman.
E. MORTIMER WARD,
Treasurer.
EDWIN A. SCHLOTZHAUER,
Secretary.
Engineer,
SIDNEY B. BOWNE.
Mineola, New York.

Bids: April 26.

Reinforced Cement Concrete Pavement

Lynbrook, N. Y.

Notice is hereby given that sealed bids will be received by the Board of Trustees of the Incorporated Village of Lynbrook, N. Y., for the construction of a reinforced cement concrete pavement on certain streets in the Village of Lynbrook until 8 p.m. on April 26, 1923.

The Engineer's estimate of the quantities is as follows:

CONTRACT NO. 1

59,000 sq.yds. Reinforced Cement Concrete Pavement.
6 Standard Drainage Basins.
30 lin.ft. Additional depth of Drainage Basin.
16 Catch Basins.
300 lin.ft. 8 inch Vitrified Pipe.
500 sq.ft. Concrete Sidewalk.
100 lin.ft. Concrete Curb.

CONTRACT NO. 2

950 lin.ft. 12 inch Vitrified Pipe.
6 Catch Basins.

CONTRACT NO. 3

650 lin.ft. 12 inch Vitrified Pipe.
2 Catch Basins.

Plans and specifications will be on file in the office of the Clerk, 23 Broadway, Lynbrook, N. Y., after April 16, 1923, and copies of same will be furnished to prospective bidders upon payment of Ten Dollars ($10.00), which amount will be refunded upon return of the plans and specifications in good condition before the time specified for the opening of bids. The Board of Trustees reserves the right to reject any or all bids and to waive any defect or informality in any bid, should it be deemed to the best interests of the Village so to do.

By order of the Board of Trustees.

PHILIP STAUDERMANN, President.
FRANK H. JOHNSON, Clerk.

Dated April 9, 1923.

OFFICIAL PROPOSALS

Bids: May 1.

Fuel Oil Engines, Pump, Compressors, Tanks, and Well Drilling

Freehold, N. J.

Notice is hereby given that sealed proposals will be received by the Mayor and Council of the Borough of Freehold, N. J., at the Freehold Municipal Building, on Tuesday, May 1st, 1923, at 1.30 p.m., for the following equipment.

CONTRACT A.

Furnishing and erection of fuel oil engines, pumps and compressors, with all small piping and appurtenances.

CONTRACT B.

Furnishing two 8,000 gallon fuel oil tanks.

CONTRACT C.

Deepening several existing wells at the Freehold Water Works.

Plans and specifications for the proposed work prepared by Charles A. Niles, Borough Engineer, may be obtained at the Municipal Building upon payment of $10.00, which amount will be refunded upon return of the plans and specifications before the time specified for receiving the bids.

All proposals must be submitted on blanks furnished by the Borough; placed in a sealed envelope, bearing the name and address of the bidder, the contract or contracts upon which bids are submitted and addressed to the Mayor and Council of the Borough of Freehold and accompanied by a certified check made payable to H. A. Sutphin, Borough Treasurer, in an amount of not less than 5% of the amount bid, and also accompanied by a Surety Company Certificate stating that the said Surety Company will provide the bidder with a bond to the full amount of the contract.

The Borough Council reserves the right to reject any or all bids and to award the work as may appear to be for the best interest of the Borough irrespective of price bid.

H. M. BURKE,
Boro. Clerk.

CHARLES A. NILES,
Boro. Engineer.

Bids: April 30.

Highway Maintenance Materials

Trenton, N. J.

Notice is hereby given that sealed bids will be received by the State Highway Commission of New Jersey for the following highway maintenance materials:

Crushed trap rock, limestone, dolomite or gneiss in the following approximate quantities:

49,624 tons of of 2½-in. stone.
375 tons of 1½-in. stone.
5,606 tons of ¾-in. stone.
21,125 tons of grade "A" screenings.
700 tons of grade "B" screenings.
7,192 tons of dustless screenings.

Bids will be received at the Assembly Chamber, State House, Trenton, N. J., on Monday, April 30, 1923, at 11 a.m., Standard Time, and opened and read immediately thereafter.

Points of delivery and other details will be furnished upon application to A. W. Muir, Superintendent of Maintenance, 517 Broad St. Bank Bldg., Trenton, N. J.

Specifications, form of bid, special addressed envelope, and conditions under which bids will be accepted for the above are on file in the office of A. W. Muir, Superintendent of Maintenance, 517 Broad St. Bank Bldg., Trenton, N. J., and may be obtained upon request. Bids must be made upon the proposal forms furnished, in the manner designated therein, and as required by the specifications, same to be enclosed in sealed special addressed envelopes which will be furnished each bidder with the bid blank, bearing the name and address of the bidder on the outside, and must be accompanied by a certified check drawn to the order of the Treasurer of the State of New Jersey for not less than ten per cent (10%) of the amount of the bid, provided that the said certified check shall not be less than $500 nor more than $20,000 and be delivered at the above place on or before the hour named. Bids not submitted on the standard proposal form or enclosed in other than the special envelope will be considered informal and will be rejected.

The State Highway Commission reserves the right to reject any or all bids.

By order of the State Highway Commission.

A. LEE GROVER, Chief Clerk.

OFFICIAL PROPOSALS

Bids: May 1.

Bridges and Road Work

Charleston, W. Va.

Sealed proposals will be received by the State Road Commission of West Virginia at its office in Charleston, W. Va., until 10 o'clock a.m. on the first day of May, 1923, and opened and read immediately thereafter at the Kanawha County Court House, Charleston, W. Va., for the construction of the following bridges, sections of state road and surface treatment:

Project 3178—Fayette County—6.8 miles of the Falls District Line to Ansted road for paving with bituminous macadam. Certified check for $6,000.

Project 3,178—Fayette County—6.8 miles of the Ansted-Hico Road for grading, draining and paving with bituminous macadam. Certified check for $10,000.

Project 3183—Fayette County—8.0 miles of the Ravenseye-Rainelle Road for grading and draining. Certified check for $4,000.

Project 127-B—Greenbrier County—5.0 miles of the Clintonville-Alta Road for grading and draining. Certified check for $3,000.

Project 3270—Greenbrier County—1.25 miles of the Summers County Line-Alderson Road for grading and draining.

Project 3056—Summers County—4.75 miles of the Pence Springs-Greenbrier County line road for grading and draining.

(Note: Projects 3270 and 3056 will be let in one contract. Certified check, $3,600.)

Projects 3044, 3179, 3135 A and B—Kanawha County—8.7 miles of the Mile Branch to Cannelton Road for paving with rock asphalt, bituminous concrete or warrenite bitulithic. Certified check for $11,000.

Project 3231—Kanawha County—10 miles of the Clendenin-King Shoals Road for grading and draining. Certified check for $7,000.

Project 3206—Kanawha County—10 miles of the Elk River Road between Little Sandy Creek and Clendenin for grading and draining. Certified check, $4,000.

Project 3239—Raleigh County—6.4 miles of Craborchard-Slab Fork District Line road for grading, draining and paving with bituminous macadam. Certified check for $9,000.

Project 1067 A and B—Summers County—5.0 miles of the Hinton toward Jumping Branch Road for grading and paving with bituminous macadam. Certified check for $8,000.

Project 3271—Logan County—1.5 miles of the Pigeon-Creek Horsepen Creek Road for grading and draining.

Project 3120—Mingo County—6.9 miles of the Logan County Line-Horsepen Road for grading and draining.

(Note: Projects 3271 and 3120 will be let in one contract. Certified check, $6,000.)

Project 3230—McDowell County—7 miles of the Newhall-Virginia State Line Road for grading and draining. Certified check for $4,500.

Project 3189—Wayne County—5.8 miles of the Crum-Bull Creek Road for grading and draining. Certified check for $4,500.

Project 3188—Wayne County—Jennies Creek Bridge No. 872 over Jennies Creek, 120-ft. steel through truss, ashlar masonry or concrete substructure. Separate proposals will be received for substructure, certified check, $500; and for superstructure, certified check, $500.

Project 3099—Lincoln County—Midkiff Bridge No. 797 over Ten Mile Creek 160-ft. steel through truss. Superstructure only. Certified check, $600.

Project 3165—Calhoun County—1 mile Main Street of Grantsville for paving with rock asphalt. Certified check, $1,600.

Project 3132 A—Jackson County—2.5 miles of the Ravenswood-Sandyville Road for grading and draining. Certified check, $2,500.

Project 3240—Roane County—3 miles of the Walton-Kanawha County Line road for paving with rock asphalt or warrenite bitulithic. Certified check, $3,500.

Project 3197-B—Tyler County—1.5 miles of the Sistersville-Middlebourne Road for grading, draining and paving with waterbound macadam. Certified check, $1,000.

Project 3252—Pleasants County—1.2 miles St. Marys-Ellenboro Road for grading, and gravel surfacing. Certified check, $500.

Projects 3254 and 3268—Pleasants County—0.35 miles of Barkwill Street and Third Street, St. Marys for grading, draining and paving with cement concrete or brick and gravel. Certified check, $500.

Project 3067—Wirt County—Moorehead Bridge No. 867 over Right Reedy Creek, 120-ft. steel through truss, ashlar masonry or concrete substructure. Separate proposals will be received for substructure. Certified check, $500; and superstructure, certified check, $500.

Project 3067—Wirt County—Lee Bridge No. 868 over Reedy Creek, 150-ft. steel through truss, reinforced concrete substructure. Separate proposals will be received for substructure. Certified check, $500; and for superstructure, certified check, $500.

Project 3067—Wirt County—McClung Bridge No. 869 over Reedy Creek, 120-ft. steel through truss, ashlar masonry or concrete substructure. Separate proposals will be received for substructure. Certified check, $500; and for superstructure, certified check, $500.

Project 3077—Brooke County—Four concrete slab culverts, approximately 10-ft. span. Certified check, $500.

Project 124—Harrison County—2.5 miles of the Northwestern Turnpike between Bridgeport and the Taylor County line for grading, draining and paving with cement concrete, bituminous concrete or warrenite bitulithic.

Project 125—Taylor County—4.5 miles of the Northwestern Turnpike between Harrison County line and Project 3025 for grading, draining and paving with cement concrete, bituminous concrete or warrenite bitulithic.

(Note: Projects 124 and 125 will be let in one contract. Certified check, $15,000.)

Project 3225-B—Harrison County—5 miles of the Sycamore Dale-Good Hope Road for grading, draining and paving with bituminous macadam. Certified check, $7,500.

Project 108-B—Braxton County—Salt Lick Bridge No. 685 over Salt Lick Creek, 70-ft. steel pony truss, ashlar masonry substructure. Separate proposals will be received for substructure. Certified check, $500; and for superstructure, certified check, $500.

Project 2114—Harrison County—Limestone Run Bridge No. 871 over Limestone Run, 75-ft. concrete arch. Certified check, $600.

Project 3142—Pendleton County—5.0 miles of the Franklin-Brandywine Road for grading and draining. Certified check, $3,000.

Project 3218—Jefferson County—4.1 miles of the Charlestown-Virginia Line road for grading, draining and waterbound macadam. Certified check, $4,000.

Project 3148—Hardy County—Petersburg Gap Bridge No. 875 over South Branch Potomac, one 200-ft. steel through truss and one 80-ft. steel pony truss, ashlar masonry or concrete substructure. Separate proposals will be received for substructure. Certified check, $700; and for superstructure, certified check, $1,100.

Project 3014—Pendleton County—Upper Tract Bridge No. 876 over South Branch Potomac, 200-ft. steel through truss, ashlar masonry or concrete substructure. Separate proposals will be received for substructure. Certified check, $500; and superstructure certified check, $900.

Project 1027—Fayette County—6 miles of the Fayetteville-Oak Hill Road for cleaning and tar cold surface application including cover coat. Certified check, $500.

Projects 54, 2024, 2009, 1086, 2023, 2025 and 1111—Greenbrier County—16.4 miles for cleaning and tar cold and hot surface application including cover coat. Certified check, $600.

Projects 79-A and 1068—Pocahontas County—3.5 miles for cleaning and tar cold surface application including cover coat. Certified check, $500.

Projects 34, 60 and 1065—Monroe County—4.8 miles for cleaning and tar cold surface application including cover coat. Certified check, $500.

Projects 42, 1037, 2021, 2022—Raleigh County—22.4 miles for cleaning and tar cold surface application including cover coat. Certified check, $600.

Proposals will be received only upon State Standard forms in accordance with plans, specifications and estimates of quantities therefor, which standard forms, plans, specifications and estimates of quantities may be obtained from the office of the Division Engineer, in whose territory the proposed construction is located or from the office of the State Road Commission at Charleston, W. Va.

Each proposal must be accompanied by a certified check for the amount noted.

The right is reserved to reject any and all proposals.

THE STATE ROAD COMMISSION
OF WEST VIRGINIA
E. B. CARSKADON, Secretary.

OFFICIAL PROPOSALS

Bids: May 9.

Road Fill

Ashland, R. I.

Sealed proposals for the construction of the Ashland Causeway, a fill about half a mile long with a maximum height of about 60 feet, to carry the Relocated Plainfield Pike across the proposed Scituate Reservoir at the village of Ashland in the Town of Scituate, R. I., about 10 miles west of the City of Providence, will be received at the office of the Water Supply Board, City Hall, Providence, R. I., until 1:30 p.m., Eastern Standard Time (2:30 p.m. Daylight Saving Time) on Wednesday, May 9, 1923, at which time and place they will be publicly opened and read.

The work will include the construction of a large concrete culvert, the placing of riprap and other appurtenant work but will not include road surfacing. The estimated quantities are: Excavation 7,000 cu.yd., borrow, 230,000 cu.yd. riprap, 28,000 cu.yd.; broken stone, 10,000 cu.yd., concrete, 3,000 cu.yd.; reinforcing steel 120,000 lb.

Pamphlets containing plans, information for bidders, form of proposal, contract and bond and specifications, may be obtained from the Secretary of the Board, City Hall, or from the Chief Engineer, 661 Westminster Street.

CITY OF PROVIDENCE
WATER SUPPLY BOARD
B. THOMAS POTTER, Chairman.
SAMUEL N. GRAMMONT, Secretary.
FRANK E. WINSOR, Chief Engineer.

Bids: June 1.

Hall of Chemistry at West Virginia University

Morgantown, W. Va.

Sealed proposals will be received by the State Board of Control at its office in Charleston, West Virginia, until 3 p.m., Friday, June 1, 1923, for doing all work and furnishing all material necessary to complete the building described below, according to the plans and specifications prepared therefor by Paul A. Davis, 3rd, and Dunlap, architects, Philadelphia, Pa.

The building is to be 305'7" x 79'0", four stories, with basement and attic, with extension of one story and basement. Fireproof construction except main roof, which is steel, wood and slate. Exterior of face brick with granite base, Indiana limestone face first story, and Indiana limestone trimmings above. Interior brick finished walls. Concrete ceilings. Interior wood finish of oak. Interior partitions brick and tile. Stairs iron. Entrance vestibule marble and plaster. Floors of terrazzo, marble, tile, composition, cement and asphalt. Wrought iron railings. Electric elevator and lift.

Plans and specifications, blank form for bids and blank form of proposal bond will be mailed by the State Board of Control when request for plans is accompanied with check for $25, which amount will be refunded on receipt of bona-fide bid on or before time named above and proposal bond properly filled out and return of plans.

STATE BOARD OF CONTROL
By JAMES S. LAKIN, President.
Charleston, W. Va.

Bids: April 20.

Street Paving Construction

Warwick, N. Y.

Sealed proposals will be received by the President and Trustees of the Village of Warwick, New York, at the village office in Warwick, until 1:30 p.m., daylight time, Monday, April 30, 1923, for street paving and appertaining structures. The work will consist of about twenty-two thousand (22,000) square yards of reinforced cement concrete pavement, including excavation for the same.

All bids must be upon blanks provided in the proposal furnished to bidders. Evidence of suitable plant and ability to get materials must accompany each bid.

Bids must be accompanied by a certified check for three per cent of the amount of the bid. Plans and specifications will be on file at the Village Clerk's office in the Village of Warwick and at the office of the Engineer, 507 Fifth Avenue, New York City.

Copies of the plans and specifications may be obtained on or after April 19, 1923, for three dollars ($3) per set. No refund for blanks returned. Bidding blanks will be furnished free.

The right is reserved to reject any all bids.

JOHN M. DEMING, Jr., Village Clerk.
H. ELTINGE BREED, Engineer.
507 Fifth Avenue, New York City.

Bids: April 25.

Sprinkling System

Utica, N. Y.

Sealed proposals for Sanitary Work — Sprinkling System, Manufacturing Department, Utica State Hospital, Utica, N. Y., will be received by the State Hospital Commission, Capitol, Albany, N. Y., until 3 o'clock p.m., on Wednesday, April 25, 1923, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a deposit, consisting of a certified check drawn upon some legally incorporated bank in this State and made payable to the State of New York, or money, equal to five per cent (5 per cent) of the amount of the proposal. The contractor to whom the award is made will be required to furnish surety company bond in the sum of fifty per cent (50 per cent) of the amount of contract within thirty (30) days after official notice of award of contract and in accordance with the terms of Specification No. 4054. The right is reserved to reject any or all bids. Drawings and specifications may be examined at the Utica State Hospital, Utica, N. Y.; at the New York office of the Department of Architecture, Room 1058, 25 Broadway, and at the Department of Architecture, Capitol, Albany, N. Y. Drawings, specifications and blank forms of proposal may be obtained at the Department of Architecture, Capitol, Albany, N. Y., upon reasonable notice to and in the discretion of the State Architect, Sullivan W. Jones, Capitol, Albany, N. Y.

Dated: April 9, 1923.

Bids: April 30.

Construction of Water System and Driving Wells

Waldwick, N. J.

Sealed proposals will be received by the Clerk of the Borough of Waldwick, N. J., at the Council Chamber, over the office of the Waldwick Coal and Lumber Co., until 8 o'clock p.m. on Monday the 30th day of April, 1923, for laying 6.7 miles of water pipe and constructing concrete reservoir, dykes, dams and foundations for power house and pumping station, also for driving two or more artesian wells.

Bids must be made on proposal forms furnished by the clerk and must be accompanied by a certified check for the amount of five hundred ($500) drawn, payable to W. R. Evans, Jr., clerk.

Proposals must be sealed and delivered to the clerk, endorsed on the envelope "Proposal for Constructing Water System" or "Proposal for Driving Wells" as the case may be.

Plans may be seen at the office of the Waldwick Coal and Lumber Co., or at the office of the Engineer, Suite 707, 30 Church St., N. Y., and specifications, form of proposal and contract may be secured by addressing the clerk at Waldwick, N. J.

The Borough Council reserves the right to reject any and all bids or to accept one other than the lowest.

By order of the Borough Council of the Borough of Waldwick, N. J., at regular meeting, April 5th, 1923.

B. B. VAN WAGONER, Mayor.
E. D. HOOK, Chairman
W. R. EVANS, Jr., Borough Clerk.
of Water Committee.
JOHN L. COLLINS, Engineer.

Bids: May 1.

Highway Work

Harrisburg, Pa.

Pennsylvania State Highway Department, Harrisburg, Pa.—Sealed proposals will be received at the State Capitol until 10 a.m., May 1, 1923, when bids will be publicly opened and scheduled and contract awarded as soon thereafter as possible for the reconstruction of 20 miles of reinforced concrete pavement and 27 miles of either bituminous surface on a concrete foundation or reinforced concrete pavement; also for the fabrication and erection complete of a two span through plate girder bridge with reinforced concrete floor. Bidding blanks and specifications may be obtained free, and plans upon payment of $2.50 per set, upon application to State Highway Department, Harrisburg. No refund for plans returned. They also can be seen at office of State Highway Department, Harrisburg, 1001 Chestnut Street, Philadelphia, and 119 Federal Street, N. S. Pittsburgh, Pa. P. D. WRIGHT, State Highway Commissioner.

Bids: May 3.

Paving and Storm Sewers

Mobile, Ala.

Sealed bids will be received by the Commissioners of the City of Mobile, Alabama, until noon, Thursday, May 3, 1923, for the following:

ONE COURSE SIX INCHES IN DEPTH CONCRETE PAVING (including grading)
Approximately ..... 3,390 sq.yd.
5 x 18 inches concrete curbing.
Approximately ..... 1,827 lin.ft.

ASPHALTIC CONCRETE PAVING—One and one-half inch surface on four inches of concrete (including grading)
Approximately ..... 11,510 sq.yd.
5 x 18 inches concrete curbing.
Approximately ..... 4,720 lin.ft.

SHEET ASPHALT PAVEMENT—One and one-half inch surface on one and one-half inch binder upon four inches concrete base (including grading)
Approximately ..... 1,953 sq.yd.
5 x 18 inches concrete curbing.
Approximately ..... 3,553 lin.ft.

STORM SEWERS
Vitrified or Concrete Pipe
Approximately— 6-inch pipe.... 300 lin.ft.
10-inch pipe.... 1,119 lin.ft.
12-inch pipe.... 3,037 lin.ft.
15-inch pipe.... 2,663 lin.ft.
18-inch pipe.... 1,932 lin.ft.
21-inch pipe.... 250 lin.ft.
Manholes 28
Inlets 23
Special basins 19

Plans and specifications can be seen at the City Engineer's Office. The right is reserved to reject any or all bids.

R. V. TAYLOR, Mayor.
WRIGHT SMITH, City Engineer.

Bids: April 26.

Paving

Plainfield, N. J.

Proposals will be received by the Common Council of the City of Plainfield, N. J., at the City Hall on Thursday, April 26, 1923, at 8:30 p.m., for sheet asphalt and granite block paving as follows:

15,500 sq.yd. sheet asphalt pavement.
700 sq.yd. recut granite block pavement.
9,100 lin.ft. armored concrete curbs.

Certified check required, $5,000.

Construction bond required, 100 per cent of cost of work.

Five year asphalt guarantee bond required, 25 per cent of cost of work.

Copies of plans, specifications and forms of proposals may be obtained at the office of the City Engineer, City Hall, Plainfield, N. J.

The Common Council reserves the right to reject any or all bids, to waive defects in bids or to accept any bid.

JOHN J. CARROLL, City Clerk.

Bids: April 28.

Relief Trunk Sewers

Lima, Ohio.

Sealed proposals for the construction of Main Street and Public Square Relief Sewer, Contract No. 13, will be received at the office of the City Manager, Lima, Ohio, until 12 o'clock noon, Central Standard Time, April 28, 1923, and then will be publicly opened and read. The City reserves fifteen (15) days thereafter in which to act on bids.

The work included under the Contract consists of construction, with all appurtenances, of Relief Trunk Sewer as mentioned above, a general summary of quantities follows.

Total length of sewer about 4,320 lin.ft., varying in size from 15 to 36 inches, all of circular section.

Copy of plans, form of proposal, contract, bond and specifications may be inspected or obtained at the office of the Supervising Engineer, City Hall, Lima, Ohio. A charge of five ($5) dollars will be made for each set of plans and specifications. No charge will be made for proposal blanks; the above mentioned charge for plans and specifications is a sale and not a deposit, no refund will be made, nor will plans and specifications be delivered unless the order is accompanied by a remittance.

The City Manager reserves the right to reject any or all bids, to waive any informalities in the bids and to accept any bid which is deemed most favorable to the interest of the City of Lima, Ohio.

C. A. BINGHAM, City Manager.
B. F. DARLING, Supervising Engineer.
Dated: April 12, 1923.